

REMARKS

This amendment is in response to the Office Action dated June 14, 2006 received in the above-referenced application. Claim 1 is amended to more particularly point out and distinctively claim the invention. Claims 2, 4 and 7 are amended to correct a mistake in their dependency. Claim 10 is amended to recite a semi-colon instead of a comma. Upon entry of this Amendment, Claims 1 – 10 are pending and under consideration.

Rejections Under 35 U.S.C. §112

The Examiner rejects Claims 1 – 10 under 35 U.S.C. §112, first paragraph. Applicant respectfully traverse and submit that the claimed subject matter is fully described and satisfies the written description requirement.

The specification and figures clearly describe in detail the nature of the invention and the subject matter claimed. Specific examples are given. The relationship between solvent composition and/or concentration in solution and the impact on the phase behavior of the system are described, for example at pages 10 to 15 and in Figures 2 to 6. Manipulation of the phase behavior is well described, for example at pages 18 to 23, and Examples are given. Applicant respectfully submits that based on the teaching of the present invention one skilled in the art, using routine experimentation, can practice the present invention.

Claim Rejections Under 35 U.S.C. §102

The Examiner rejects Claims 1 – 10 under 35 U.S.C. §102 as allegedly anticipated by the references to Gomes de Mateo et al (“Gomes”) and Kohn. Applicant respectfully traverse and submit that the present claims are patentable in light of the cited references.

A claim is anticipated under 35 U.S.C. §102 only if each and every element as set forth in the claim is found, either expressly or inherently described in a single prior art reference.

Applicant respectfully submits that neither Gomes nor Kohn do not teach each and every element of Claims 1 – 10 of the present invention.

Gomes is directed to a conventional process for producing BPA via adduct crystallization, similar to that described in the Background of the present application. Gomes teaches recovering additional BPA - *in the form of adduct* - from the process purge stream by adding Phenol to achieve a desired composition, and crystallizing the adduct. Specifically, Gomes teaches crystallizing bisphenol-A / phenol 1:1 molar adduct and separating the adduct from its mother liquor, see column 2, lines 5 – 8. Gomes does not disclose or teach how the adduct itself can be separated into its constituents by crystallization. Gomes does not provide any teaching or suggestion as how to produce a pure solid compound without crystallizing the adduct.

Moreover, Gomes does not describe or reasonably suggest manipulating the area of the adduct and pure solid compound compartments by selectively adjusting the concentration ratio of the two or more solvents in the solution. Gomes does not describe or reasonably suggest adjusting the composition of the solution prior to crystallization to place the solution concentration at a location selectively within a desired compartment. Gomes does not describe or reasonably suggest crystallizing the solution to form a the pure solid compound without crystallizing the adduct, all of which are recited in Applicant's claims. Accordingly, Gomes does not describe each and every element of Applicant's claims

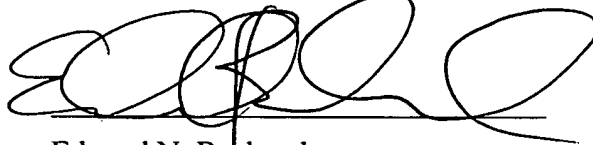
Kohn adds nothing more. Kohn describes a method of producing 4', 4 dihydroxy B, B diphenyl propane in the presence of an inert solvent (benzene, toluene, etc). Kohn describes a method to preclude the formation of adduct by driving one of the components (PhOH) to near extinction. Kohn does not describe or reasonably suggest adjusting the composition of the solution prior to crystallization to place the solution concentration at a location selectively within a desired compartment as recited in Applicant's claims. Thus, Kohn does not describe each and every element of Applicant's claims

Applicant respectfully submits that none of the cited references teach or suggest Applicant's present claims. Applicant requests that the rejections be withdrawn.

Applicants respectfully submit that the present application is now in condition for allowance, and a Notice of Allowance is respectfully requested. If any matters can be handled by telephone, Applicants request that the Examiner telephone Applicants' attorney at the number below. No fees beyond those being submitted concurrently herewith are believed due. However, the Commissioner is authorized to charge any additional required fees, or credit any overpayment, to Dorsey & Whitney LLP Deposit Account No. 50-2319 (Order No. A-71155-1/MSS/ENB (469332-1)).

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read 'Edward N. Bachand', written over a horizontal line.

Edward N. Bachand
Registration No. 37,085

Customer No.: 32,940
555 California Street, Suite 1000
San Francisco, CA 94104-1513
Telephone No.: (650) 857-1717
Facsimile No.: (650) 857-1288